

**JAN 05 2007**

Attorney's Docket No.: 18329-008001

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Number of pages including this page 3

Applicant : Sandeep Gulati                      Art Unit : 1631  
Serial No.: 10/616,869                      Examiner : Russell Scott Negin  
Filed : July 9, 2003  
Title : ACTIVE INTERFEROMETRIC SIGNAL ANALYSIS IN SOFTWARE

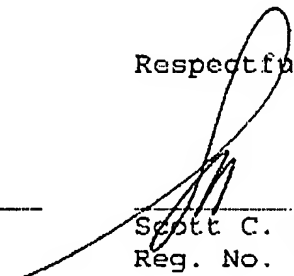
**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

A RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT dated  
January 5, 2007 is attached.

Respectfully submitted,

Date: January 5, 2007

  
\_\_\_\_\_  
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Reg. No. 32,030

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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RESPONSE TO NOTICE OF NON-COMPLIANT  
AMENDMENT/RESTRICTION REQUIREMENT

Responsive to the action mailed December 5, 2006, applicant elects the invention of Group I drawn to the embodiment of Claims 1-18. Groups IV - IX also define expressor functions further and hence are linked with the elected Group I. The election is made without traverse.

Species Elections for Group I:

Catagory #1: Array data type (claim 5)

Applicant elects a spatial 2-D array

Catagory #2: Platform type (claim 6)

Applicant elects optical platforms

Catagory #3: Arrayed data generation device (claim 7)

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

January 5, 2007

Date of Transmission

Signature

Jennifer H. Payne

Typed or Printed Name of Person Signing Certificate

Applicant : Sandeep Gulati  
Serial No. : 10/616,869  
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Page : 2 of 2

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Applicant elects hybridized spotted cDNA microarrays

Catagory #4: Expressor function (claim 10)

Applicant elects an expressor function comprised of  
frequency domain sequences

Catagory #5: Interferometric analysis (claims 13 and 14)

Applicant elects constructive interferometric analysis

Catagory #6: Wave interactions (claims 15 and 16)

Applicant elects wave-wave interactions

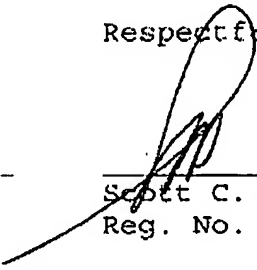
Catagory #7: Domain analysis (claim 17)

Applicant elects frequency domain analysis

Please apply any charges or credits to Deposit Account  
No. 06-1050.

Respectfully submitted,

Date: January 5, 2007

  
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